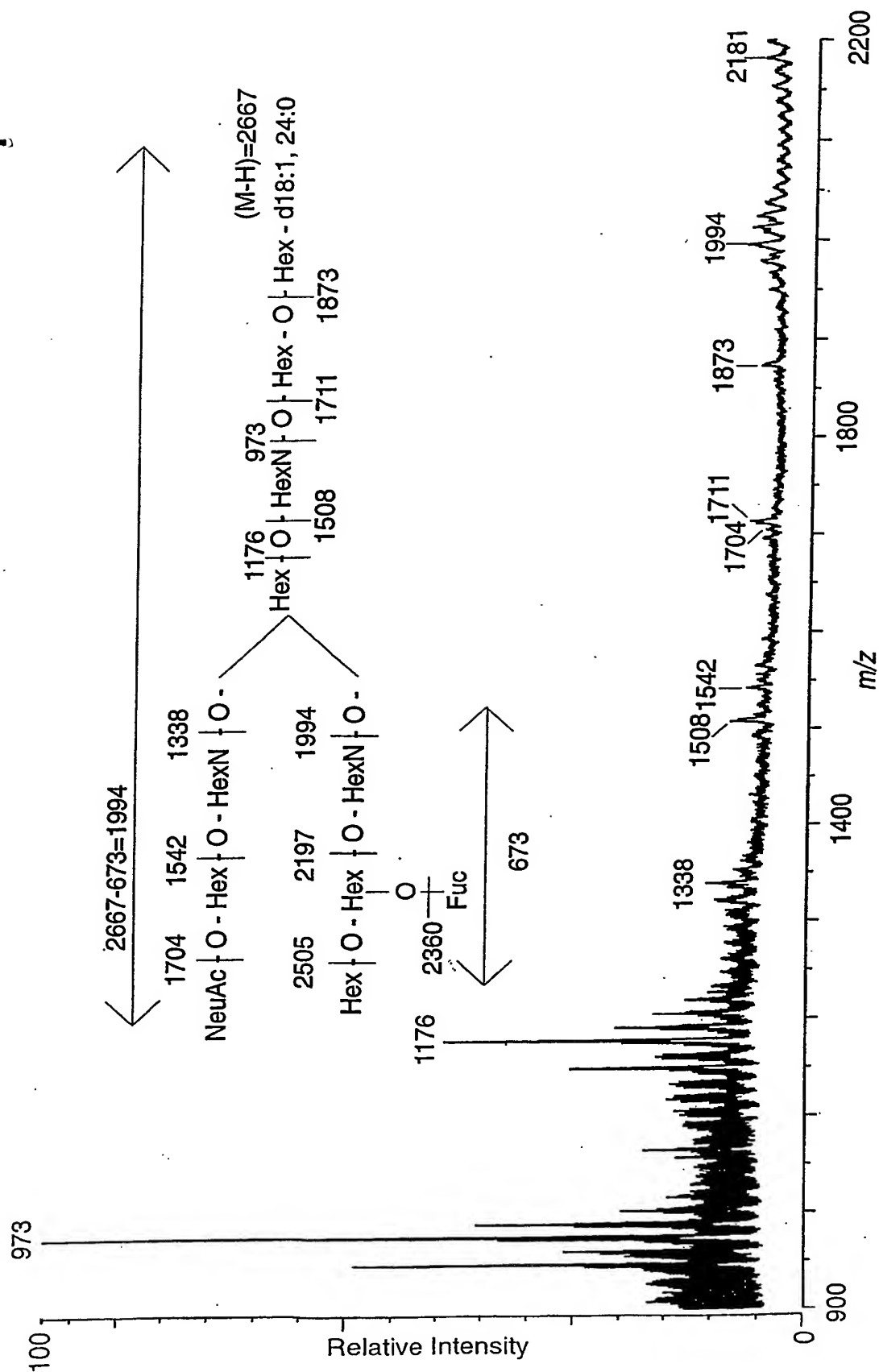
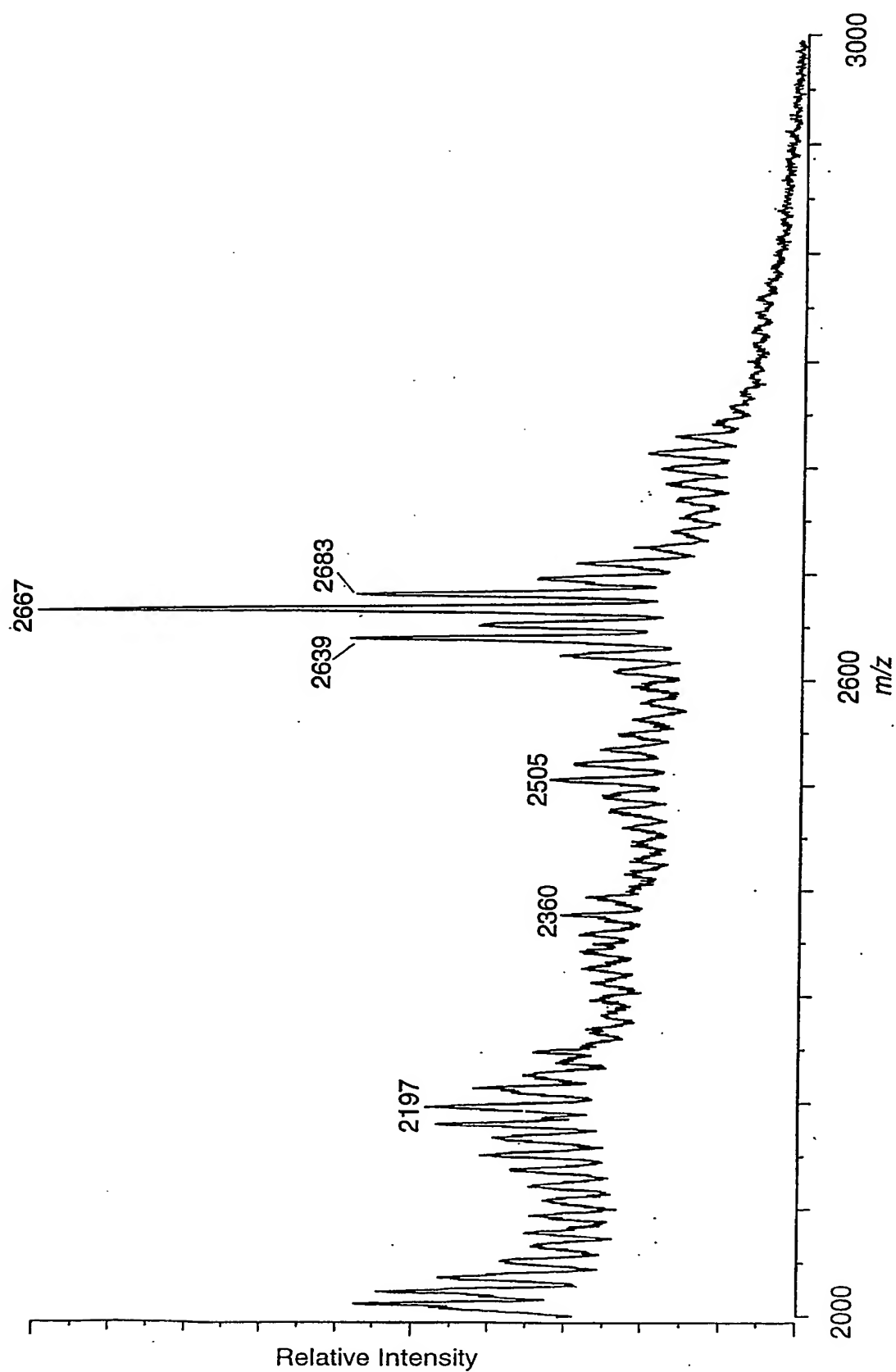


Fig. 1A



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Fig. 1B

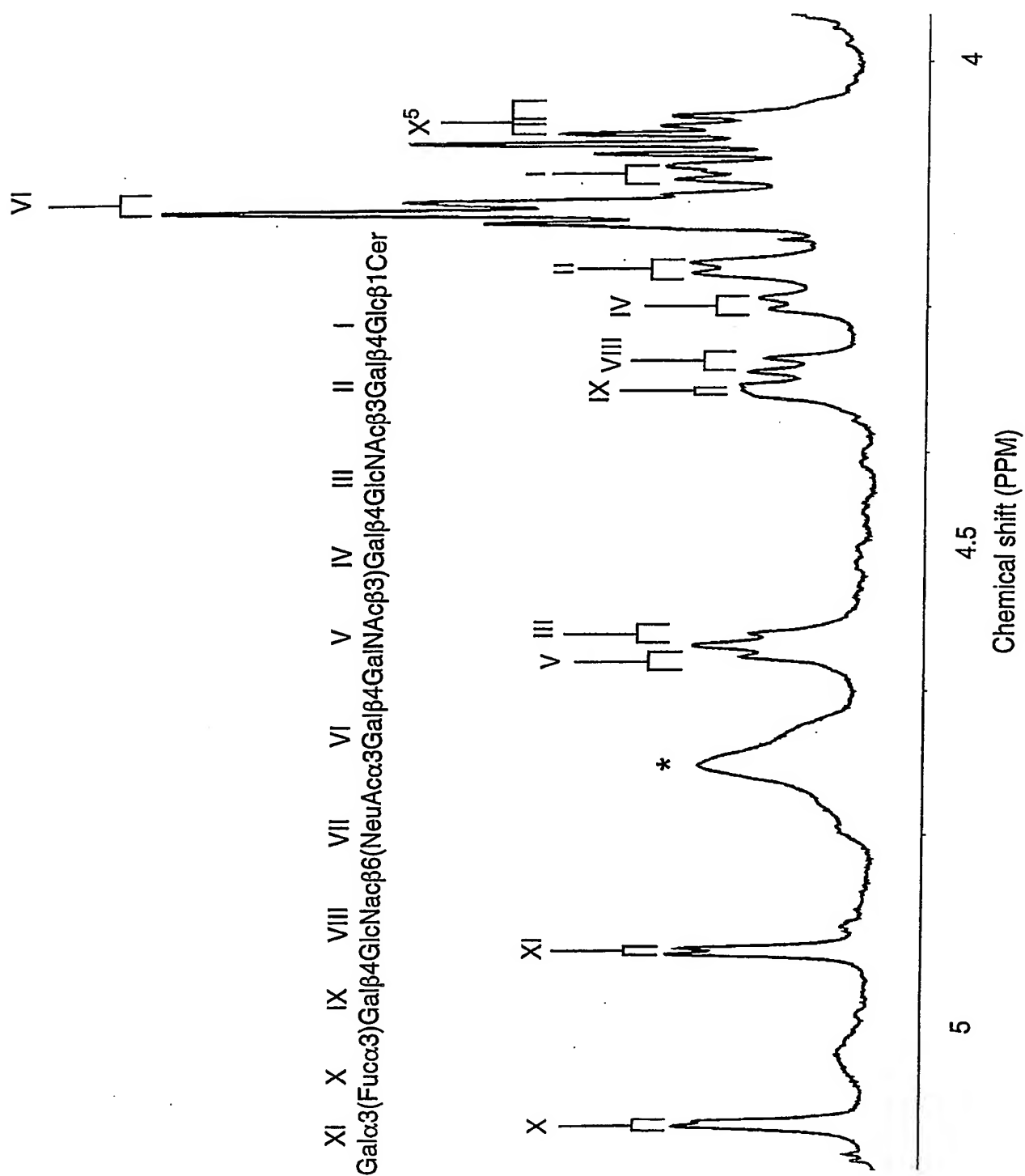


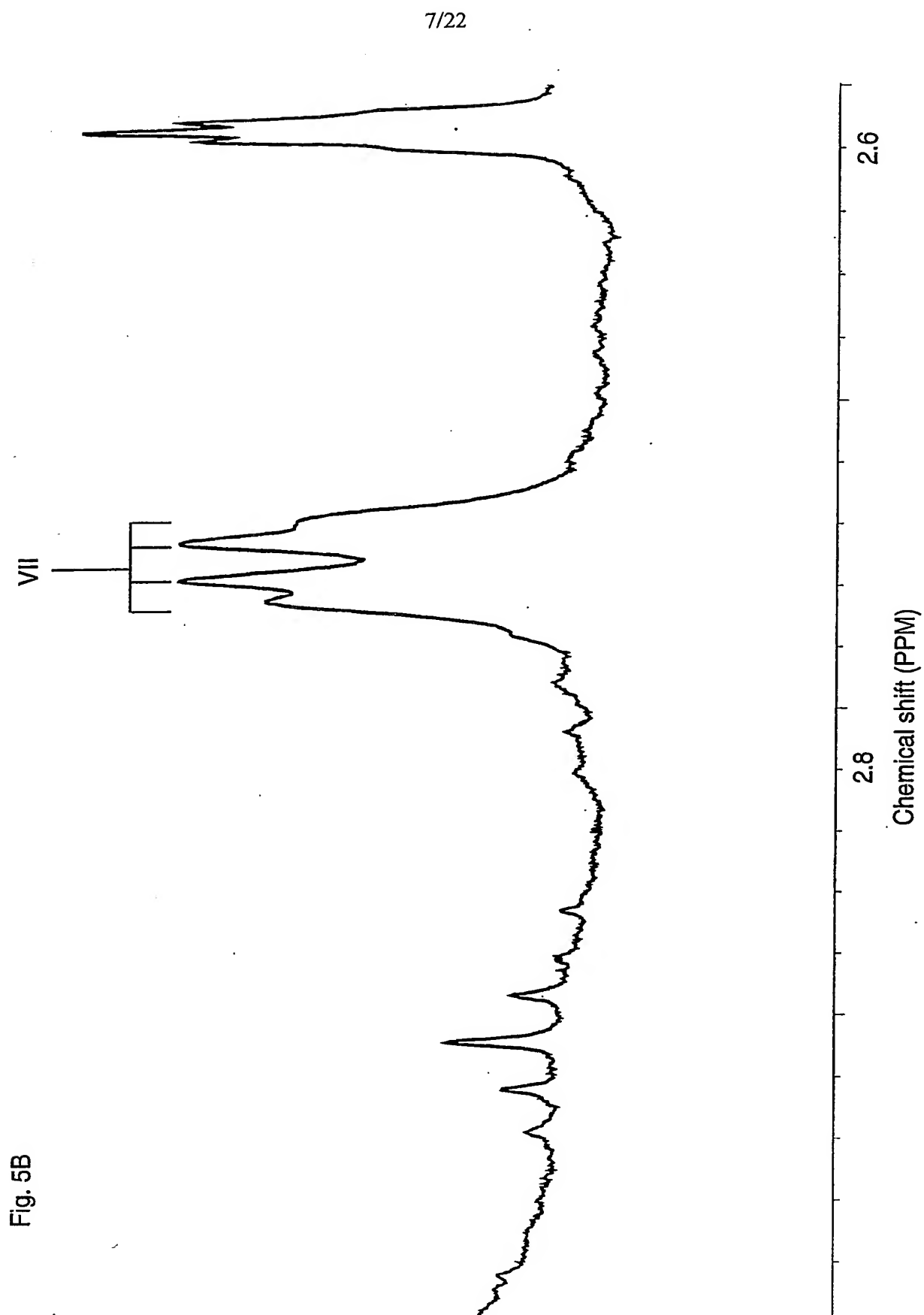
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Mass spectrum showing relative intensity (%) versus m/z. The x-axis ranges from 0 to 2400 m/z. The y-axis ranges from 0 to 100% relative intensity. The base peak is at m/z 344 (B1β). Other significant peaks are labeled with their m/z values and corresponding fragment names: 157 (B1α'), 187 (B1α), 189 (B1α'), 219 (B1α), 375 (B1β), 622 (B3α/Y6α'), 654 (B3α/Y6α'), 793 (B3β), 810 (B3α), 825 (B3β), 842 (B3α), 1594 (MH2 2+), 2102 (B5), and 2306 (B6). The chemical structure of the branched oligosaccharide is shown above the spectrum, with labels indicating the origin of the fragments: NeuAc, Hex, HexN, Fuc, and B1α, B1β, B3α, B3β, Y6α'.



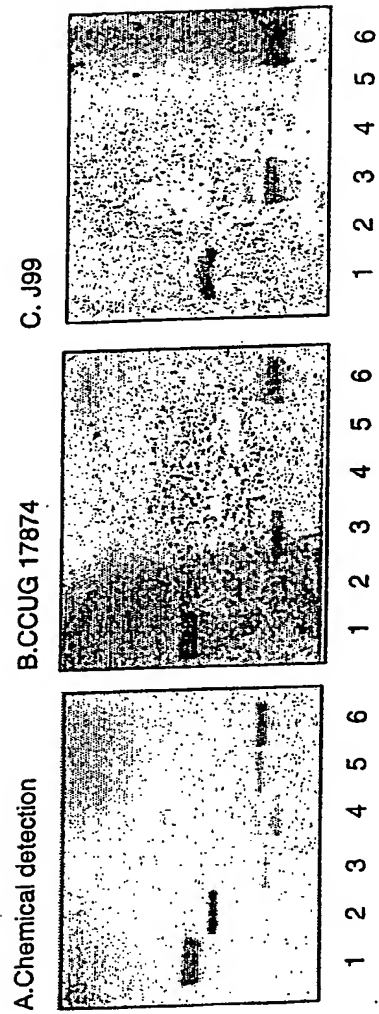
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Fig. 6A, 6B and 6C





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Fig. 7A, 7B and 7C

A. Chemical detection



B. CCUG 17874

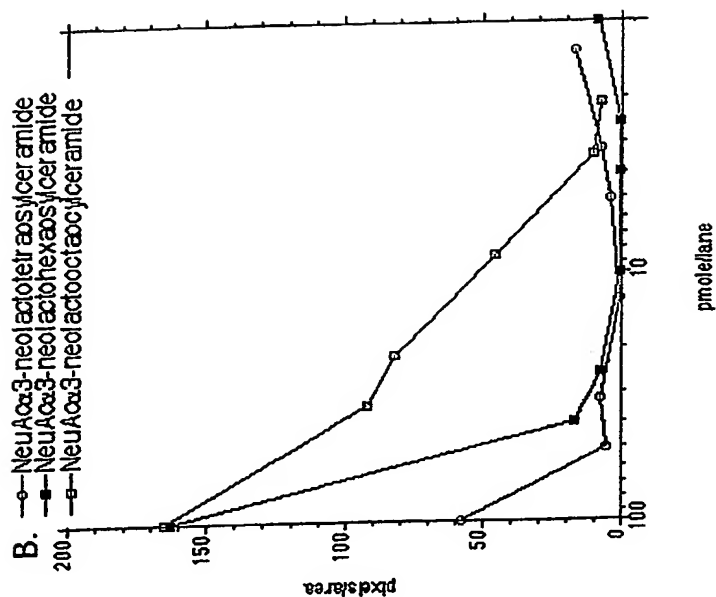


C. J99

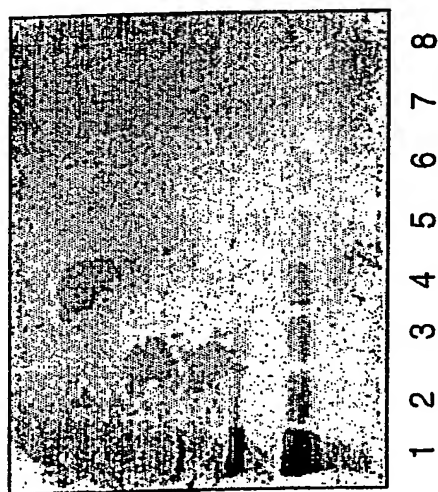


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Fig. 8A and 8B



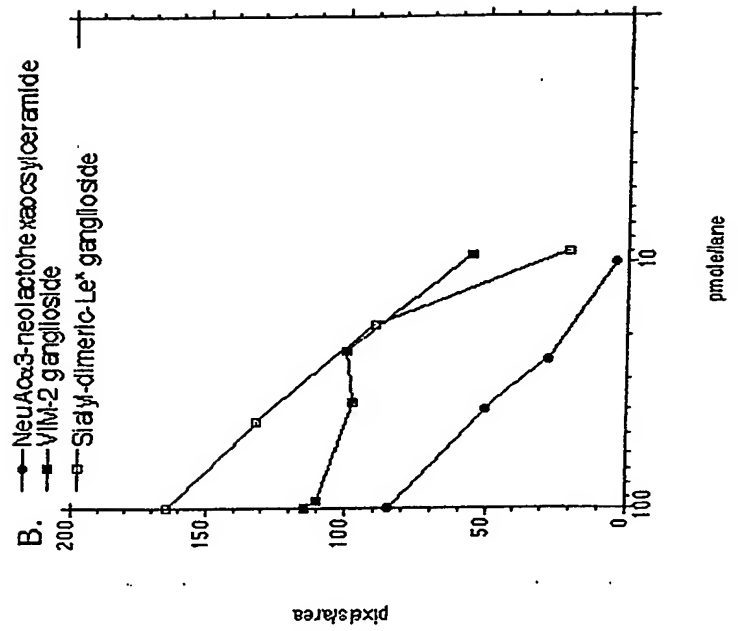
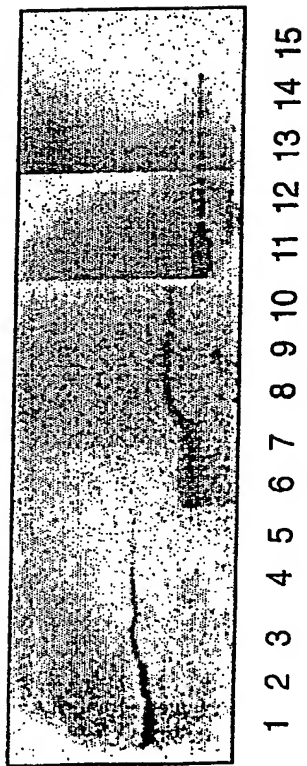
A. CCUG 17874



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Fig. 9A and 9B

A. CCUG 17874



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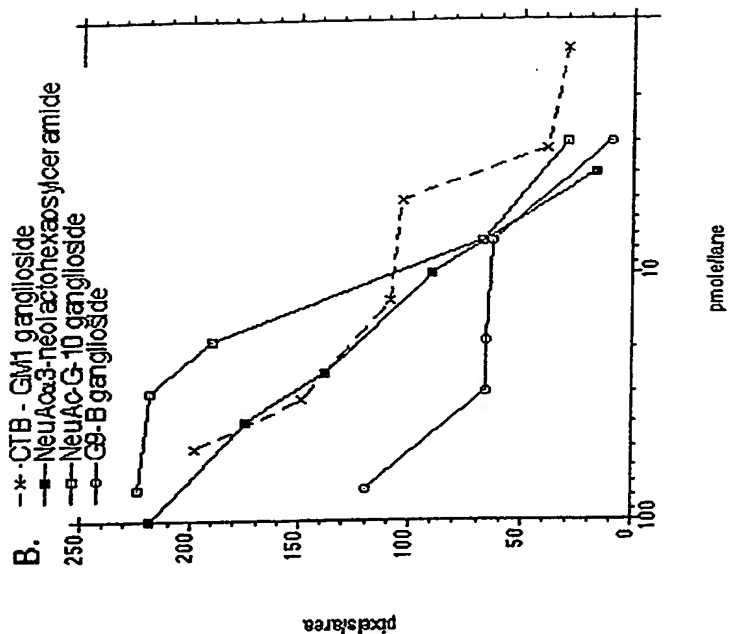
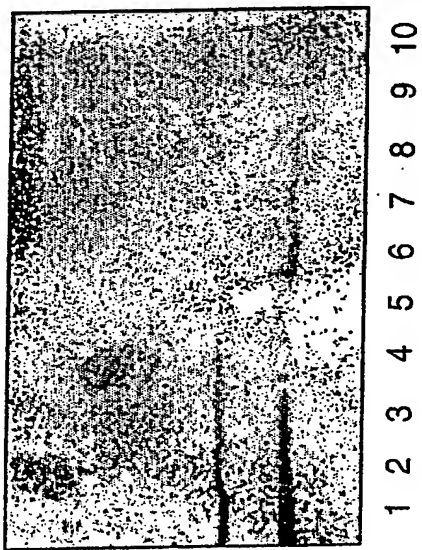


Fig. 10A and 10B

A. CCUG 17874



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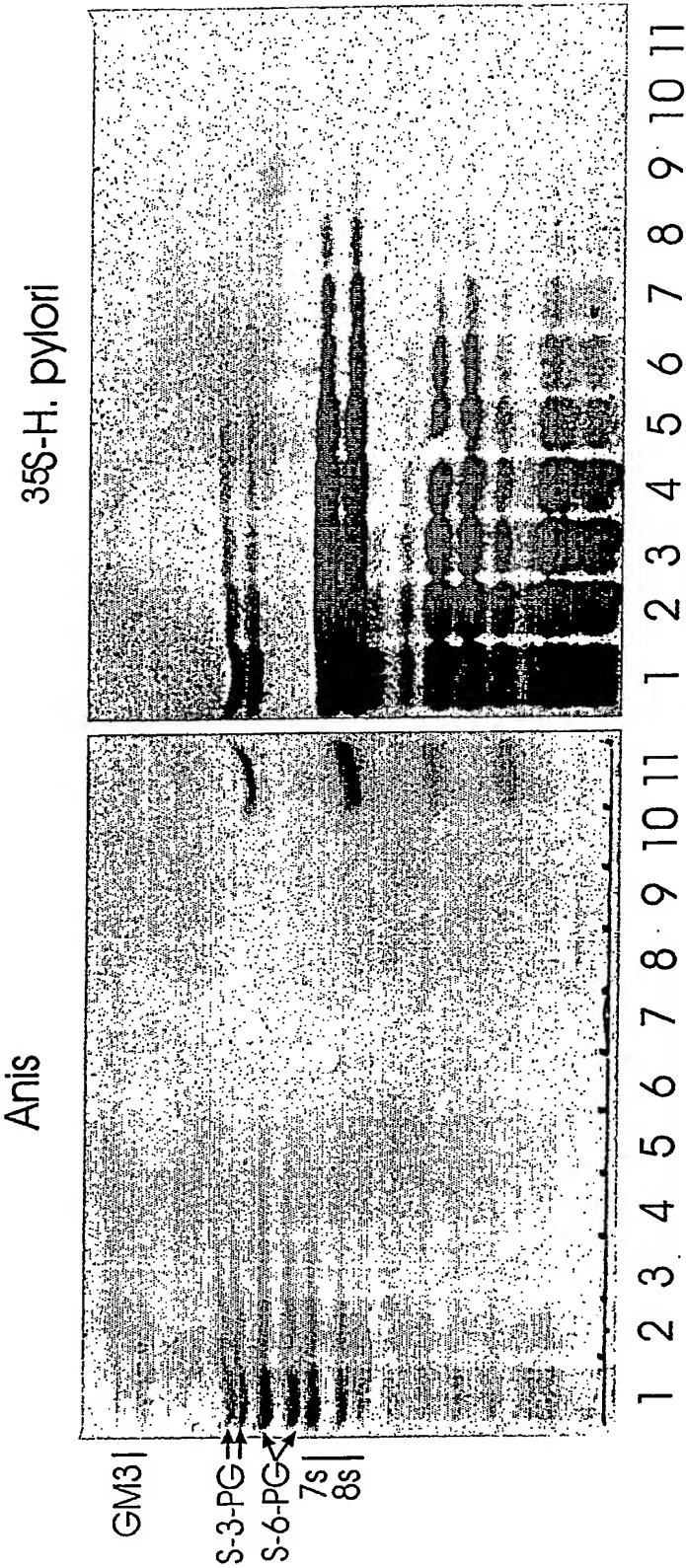


Fig. 11

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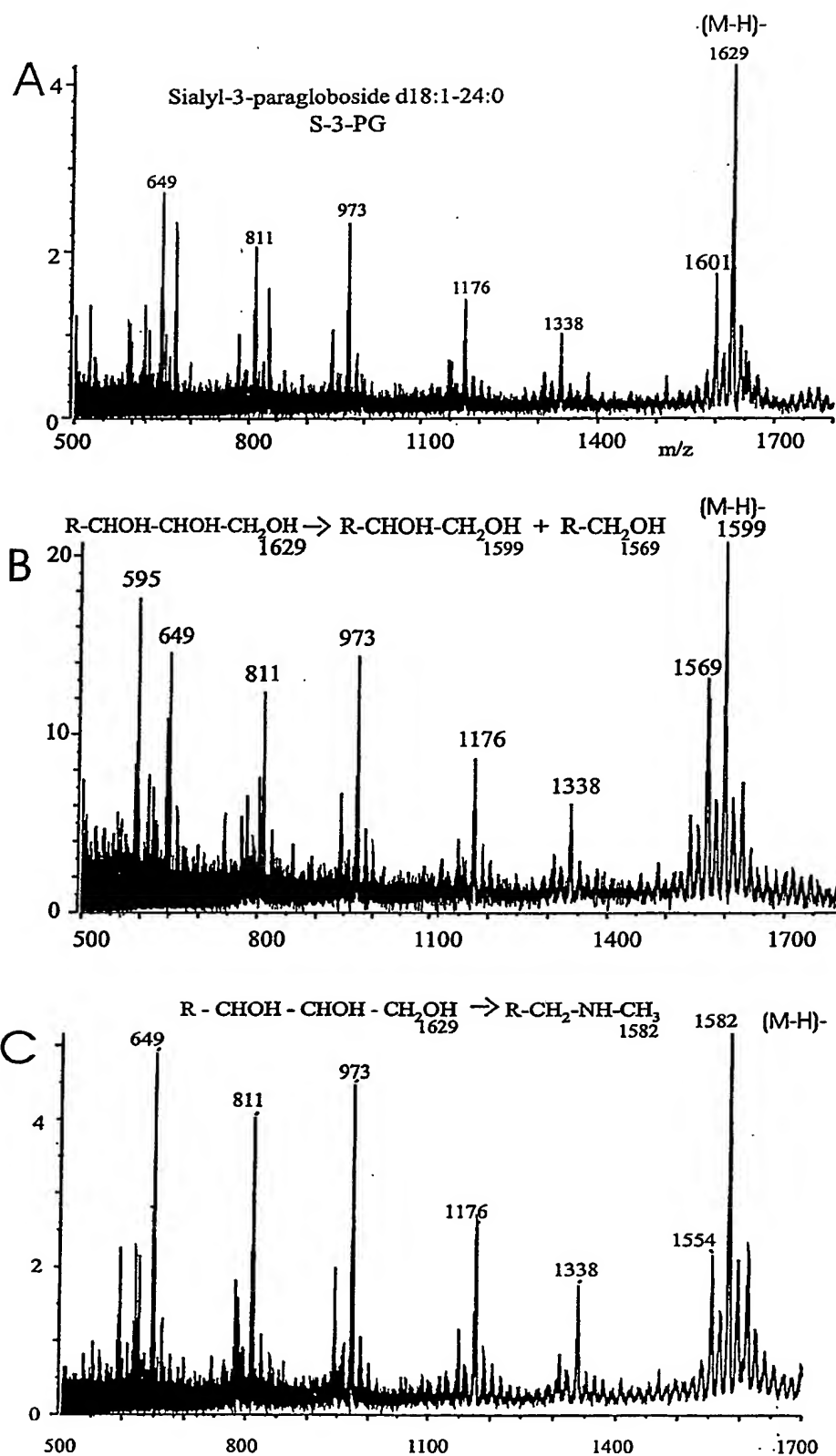


Fig. 12A, 12B and 12C

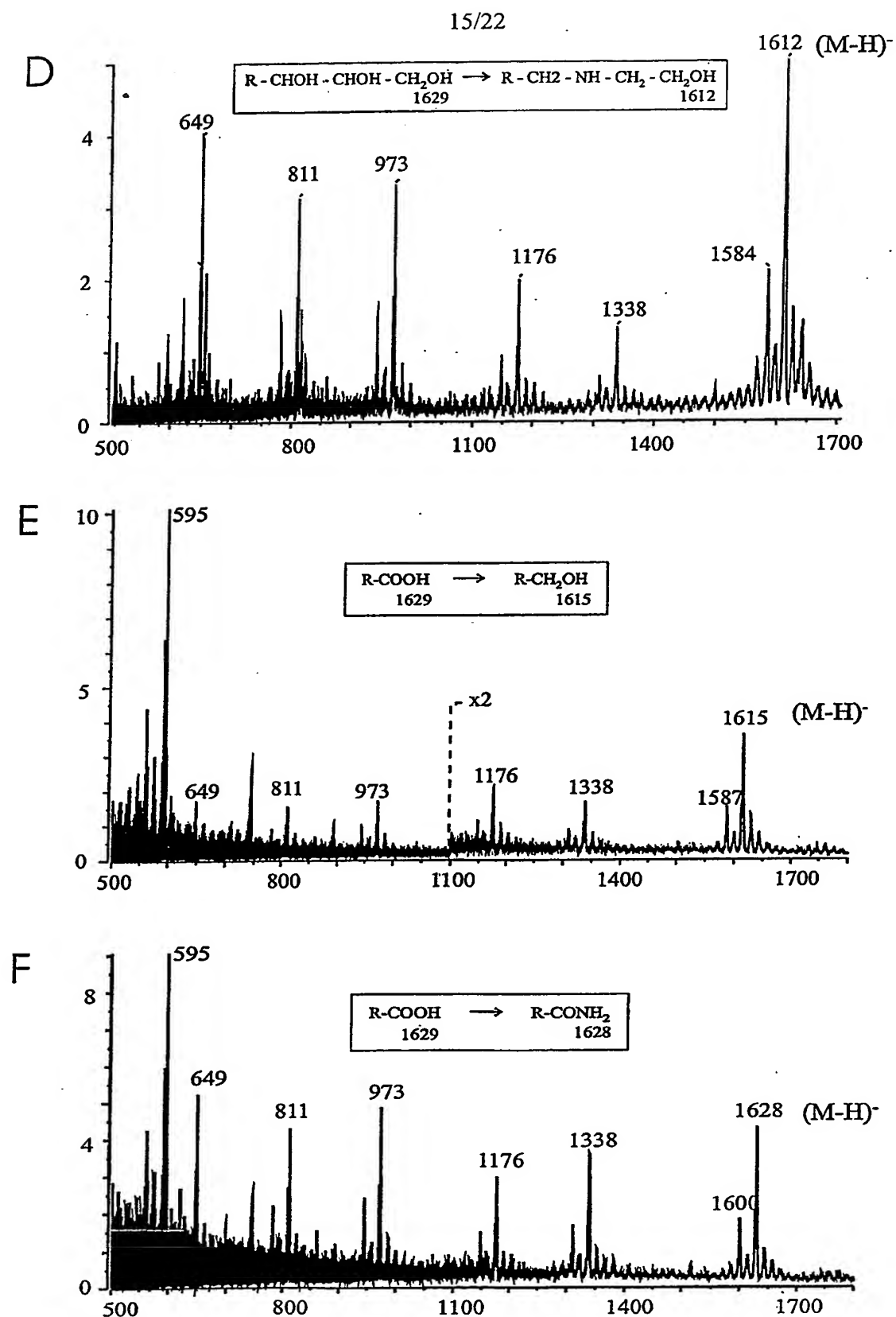


Fig. 12D, 12E and 12F

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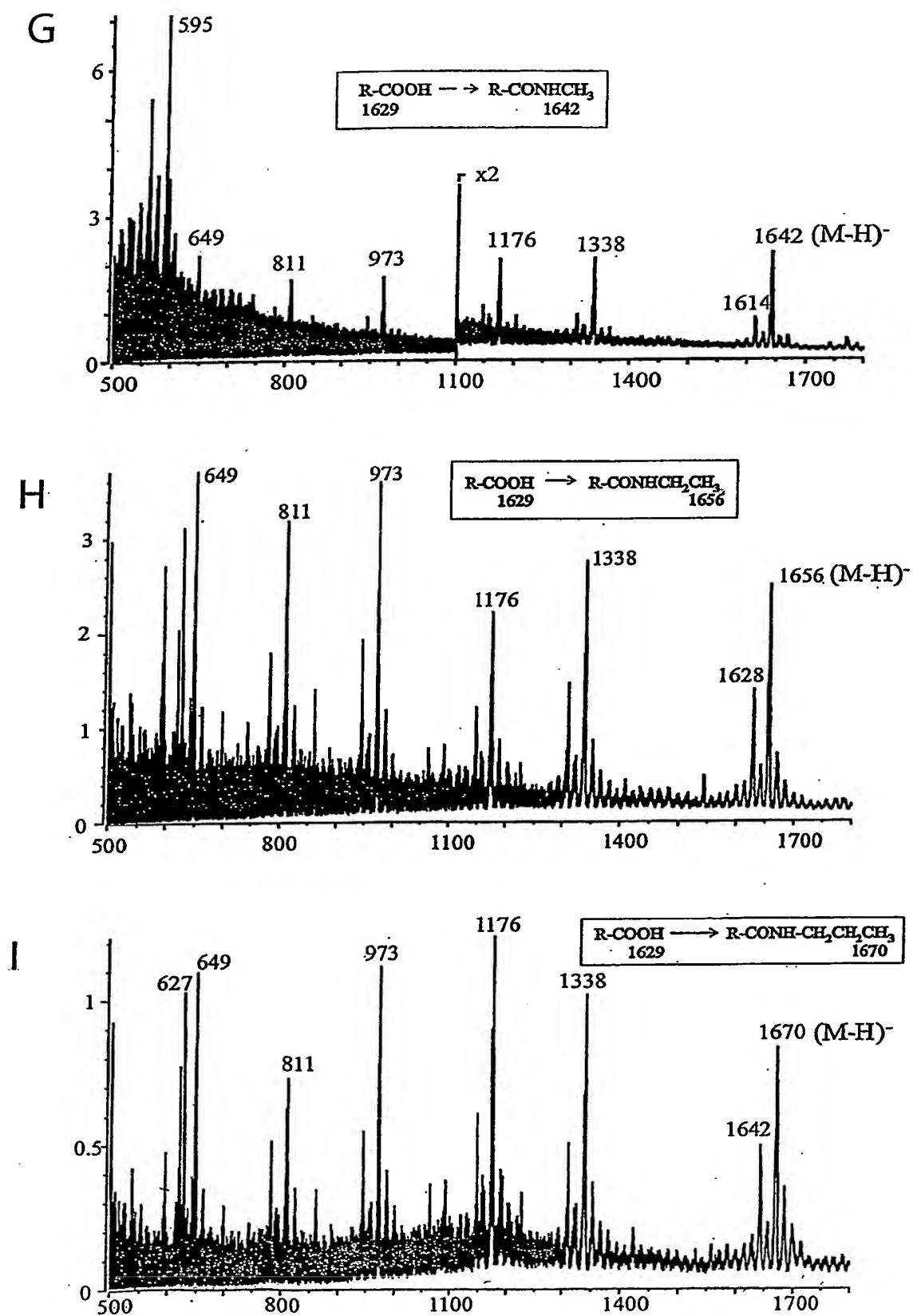


Fig. 12G, 12H and 12I



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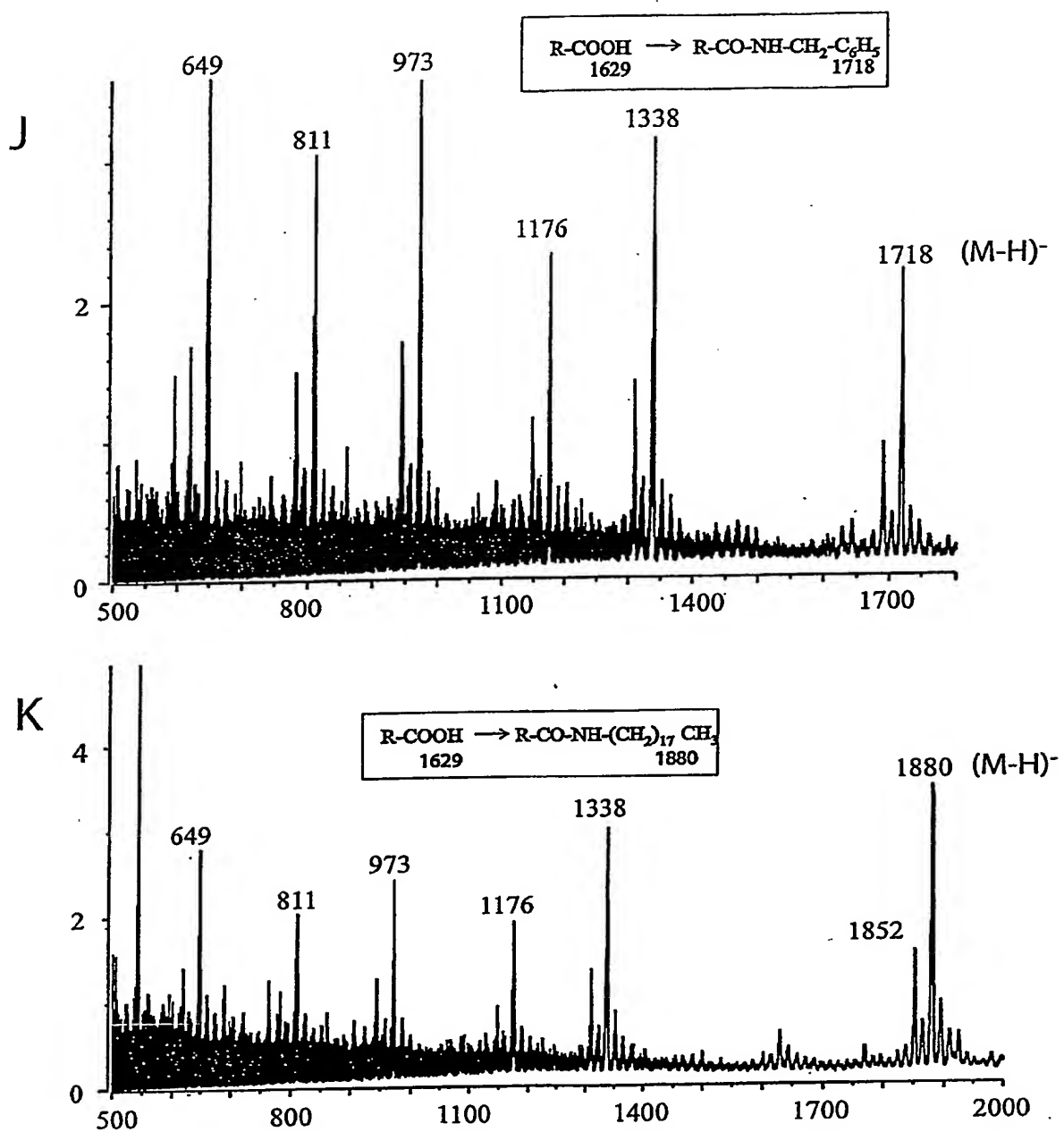


Fig. 12J and 12K

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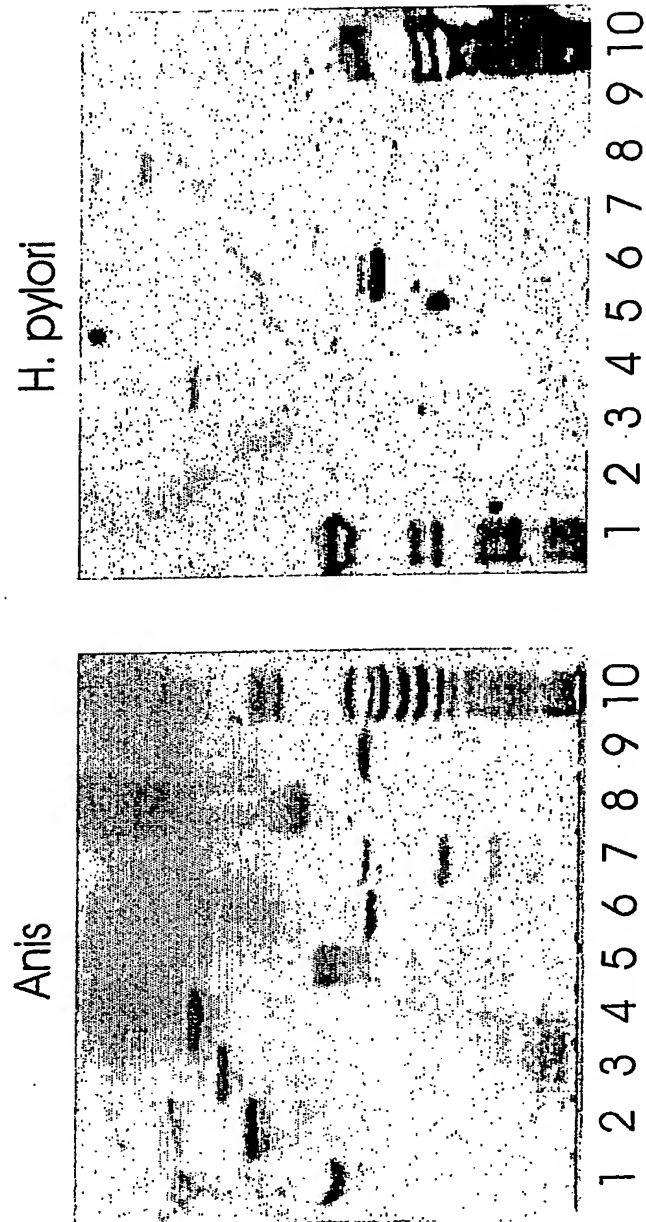


Fig. 13

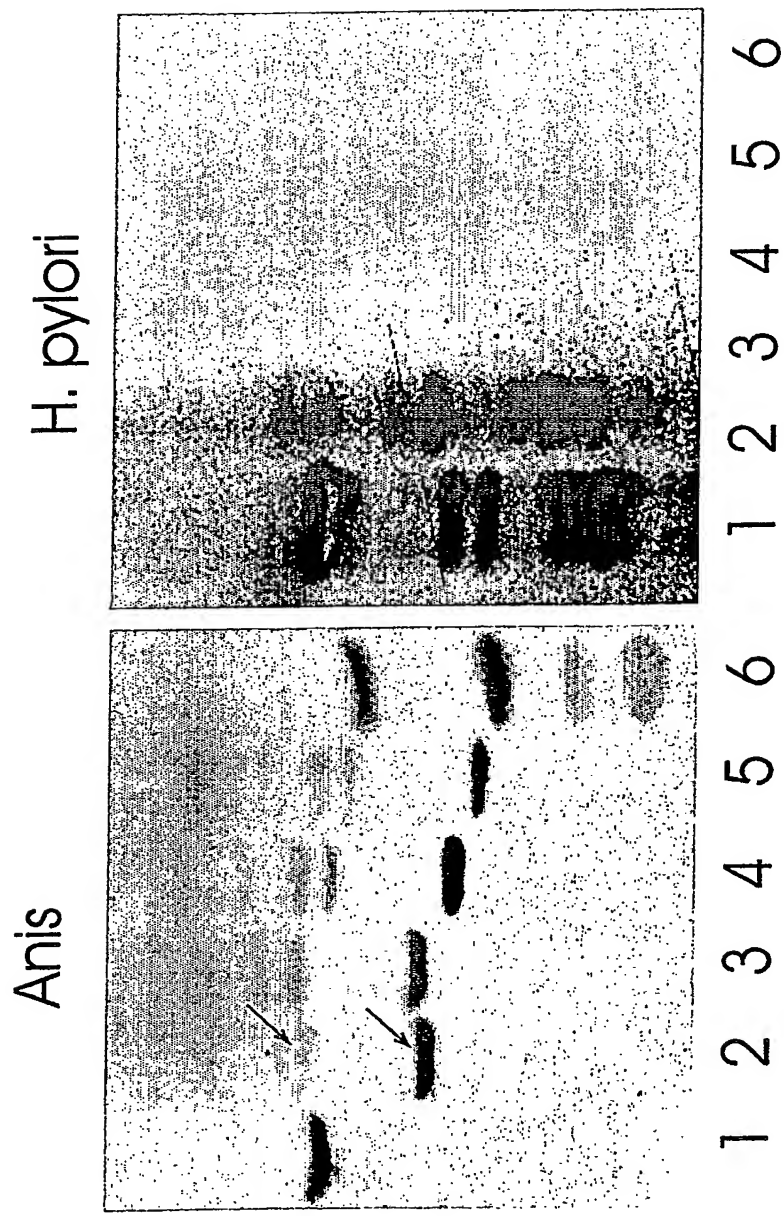


Fig. 14

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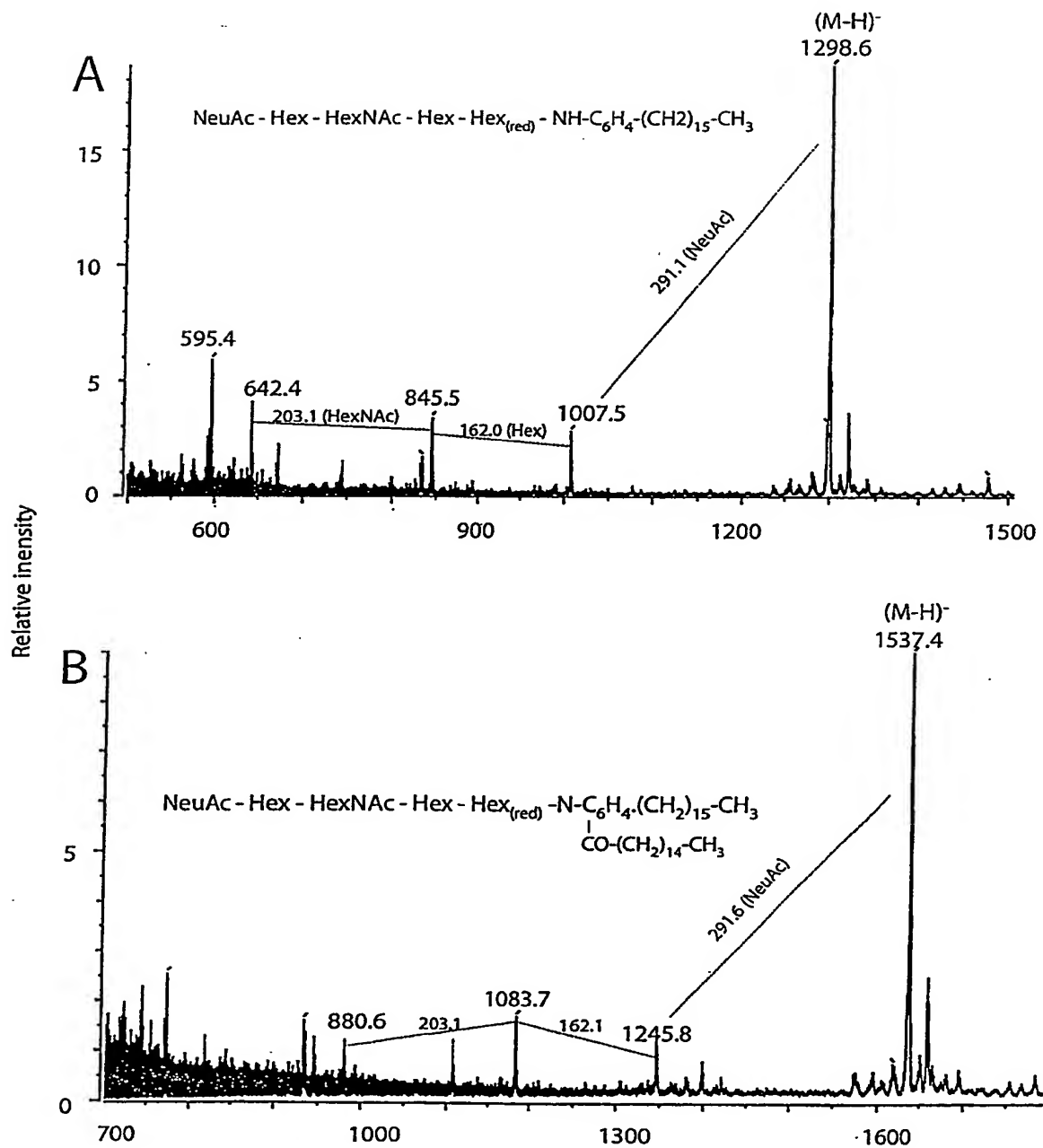


Fig. 15A and 15B

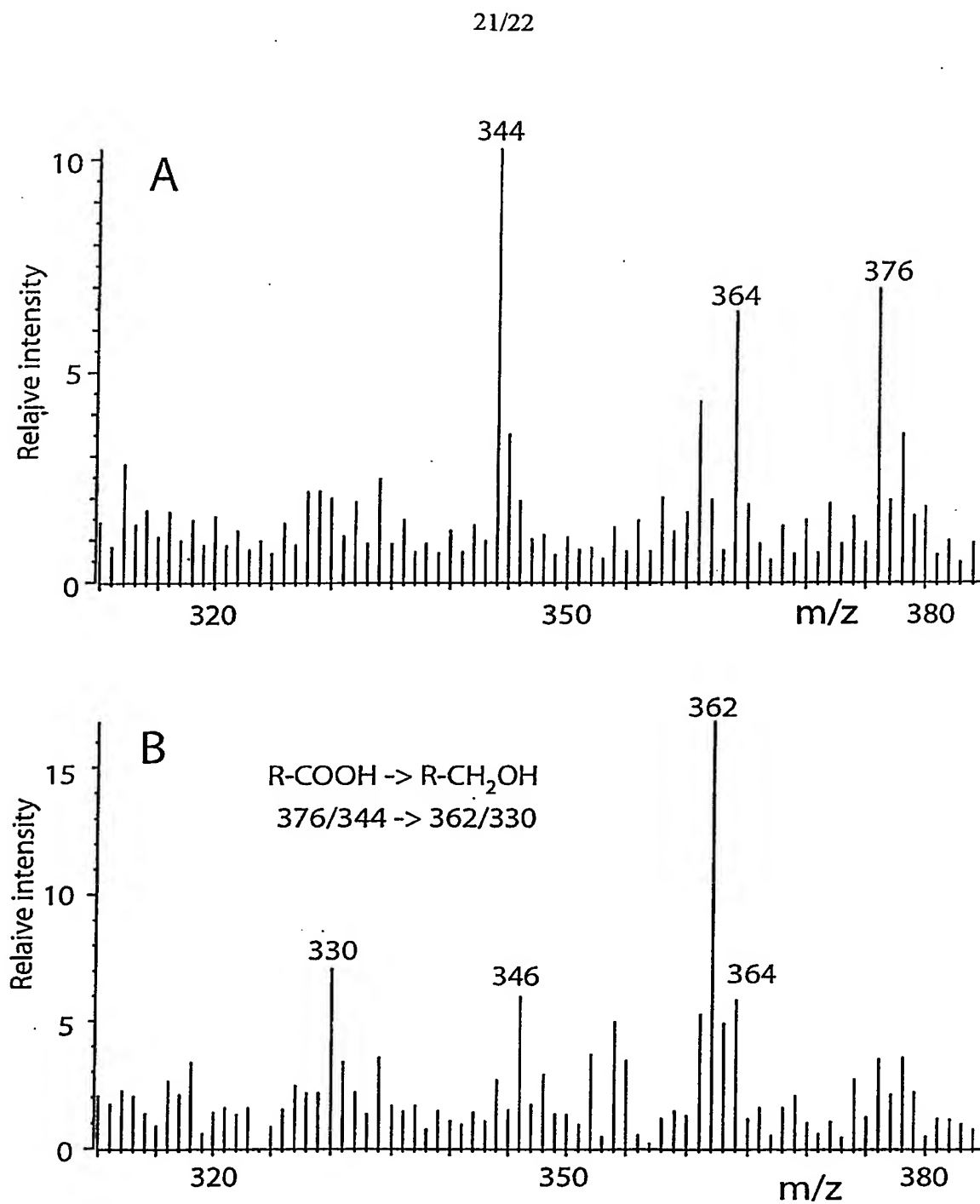


Fig. 16A and 16B

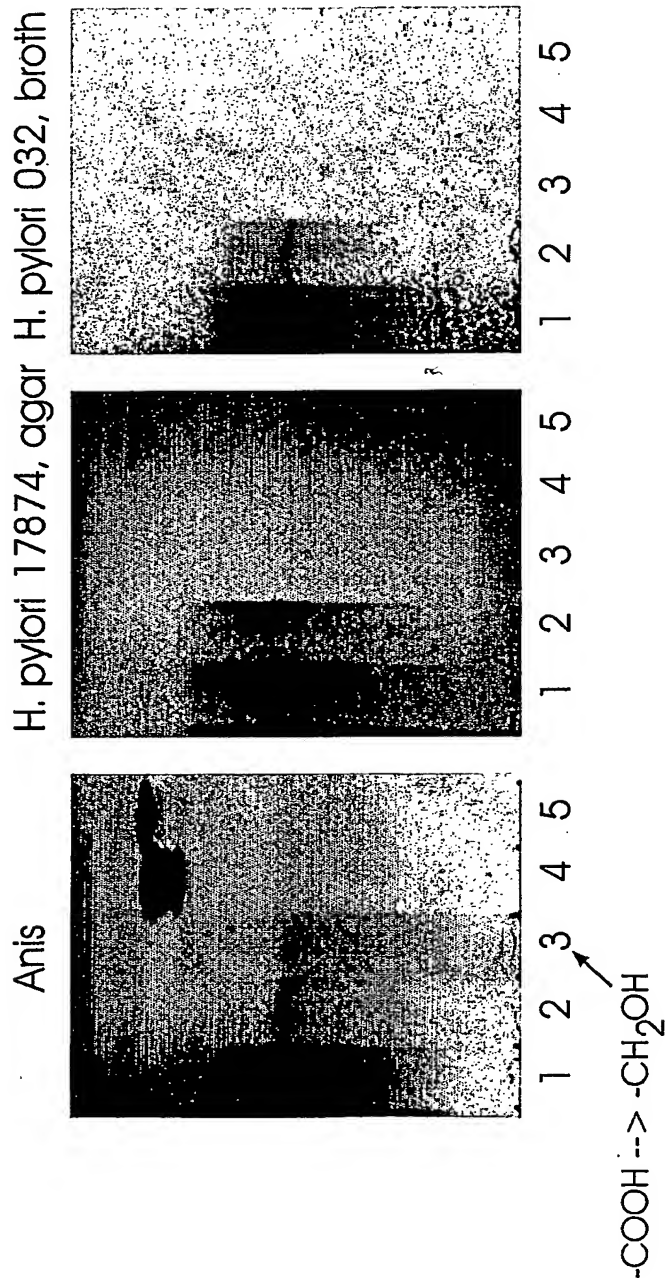


Fig. 17